

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/726,029  
Source: IFWO  
Date Processed by STIC: 11-22-04

# ***ENTERED***

**CRF Errors Edited by the STIC Systems  
Branch**

Serial Number: US/10/726,029 : CRF Edit Date: 11-22-04  
Edited by: RL

☒ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

☐ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

☒ Deleted: ☒ invalid beginning/end-of-file text ; \_\_\_\_\_ page numbers

☐ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

☐ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

☐ Other:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/726,029

DATE: 11/22/2004

TIME: 11:10:12

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11192004\J726029.raw

```

5 <110> APPLICANT: Leonard, Joan D.
6   Tully, Robert W.
8 <120> TITLE OF INVENTION: Vaccines for Mycoplasma bovis and Methods of Use
10 <130> FILE REFERENCE: 02108.001U2
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/726,029
C--> 12 <141> CURRENT FILING DATE: 2003-12-02
12 <150> PRIOR APPLICATION NUMBER: 60/164,286
13 <151> PRIOR FILING DATE: 1999-11-08
15 <160> NUMBER OF SEQ ID NOS: 2
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 18
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note = synthetic
construct
W--> 27 <221> NAME/KEY: misc_feature
28 <222> LOCATION: (0).(0)
29 <223> OTHER INFORMATION: N is deoxyinosine
W--> 31 <400> 1
W--> 32 nnnncgncgn catcnggc          18
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 18
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note = synthetic
construct
W--> 42 <221> NAME/KEY: misc_feature
43 <222> LOCATION: (0).(0)
44 <223> OTHER INFORMATION: N is deoxyinosine
W--> 46 <400> 2
W--> 47 ncgncttatac nggcctac        18

```

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 11/22/2004

PATENT APPLICATION: US/10/726,029

TIME: 11:10:13

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11192004\J726029.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 1,2,3,4,7,10,15

Seq#:2; N Pos. 1,4,11

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/726,029

DATE: 11/22/2004

TIME: 11:10:13

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11192004\J726029.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:27 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:31 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:32 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:42 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:46 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/726,029

DATE: 11/17/2004

TIME: 12:15:56

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\11172004\J726029.raw

5 <110> APPLICANT: Leonard, Joan D.  
 6 Tully, Robert W.  
 8 <120> TITLE OF INVENTION: Vaccines for Mycoplasma bovis and Methods of Use  
 10 <130> FILE REFERENCE: 02108.001U2  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/726,029  
 C--> 12 <141> CURRENT FILING DATE: 2003-12-02  
 12 <150> PRIOR APPLICATION NUMBER: 60/164,286  
 13 <151> PRIOR FILING DATE: 1999-11-08  
 15 <160> NUMBER OF SEQ ID NOS: 2  
 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0

## ERRORED SEQUENCES

34 <210> SEQ ID NO: 2  
 35 <211> LENGTH: 18  
 36 <212> TYPE: DNA  
 37 <213> ORGANISM: Artificial Sequence  
 39 <220> FEATURE:  
 40 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note = synthetic  
 construct  
 W--> 42 <221> NAME/KEY: misc\_feature  
 43 <222> LOCATION: (0).(0)  
 44 <223> OTHER INFORMATION: N is deoxyinosine  
 W--> 46 <400> 2  
 W--> 47 ncgnccttattc nggcctac 18  
 E--> 52 1

deleted

Does Not Comply  
 Corrected Discrepancy Number  
 (PS.1-2)

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/726,029

DATE: 11/17/2004

TIME: 12:15:57

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\11172004\J726029.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No  
 L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 L:27 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:31 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
 L:32 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
 L:42 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:46 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
 L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
 L:52 M:254 E: No. of Bases conflict, this line has no nucleotides. ✓